# REMOTE SERVICES WIDE AREA NETWORK CONNECTION ANTI-SPOOFING CONTROL

Michael J. Wookey
Trevor Watson
Jean Chouanard

10 Abstract

The remote services system provides a process for confirming the identity of a message sender by comparing the claimed identity contained in the message itself against the network identity of the sender. The identity verification is implemented by a communication module that performs a validation process upon receipt of a message. The identity verification process implemented by the remote services system is accomplished by linking the claimed identity at the network level with the identity indicated at the application level. The invention relates to an architecture for confirming the identity of a message sender on a remote services system, which includes a communication module and a mid-level manager. The communications module is operable to transmit a message. The cryptographic module contained in the communication module encrypts the data stream in the message. A mid-level manager operates in conjunction with the communications module to control the flow of messages in the remote services system and verifies the identity of a sender by comparing first and second data identities in said data stream.

P7234